

NAVSHIPREPFAC YOKOSUKA  
LOCAL STANDARD ITEM

FY-01

ITEM NO: 099-06YO  
DATE: 01 JUL 2000  
CATEGORY: I

1. SCOPE:

1.1 Title: Protection During Contamination-Producing Operations and Maintaining Cleanliness; accomplish

2. REFERENCES:

a. NAVSHIPREPFAC Yokosuka Local Standard Items

3. REQUIREMENTS:

3.1 The following requirements shall be observed, in addition to the specific requirements of the Job Order, for maintaining cleanliness of the ship, ship's equipment, components, and spaces for the duration of the availability.

3.2 Prevent contamination and surface damage of the ship's/craft's equipment, components, and spaces during contamination-producing operations.

3.2.1 Plug, blank, wrap, cover, seal, and mask equipment, components, cables, wireways, boats, and openings using fire retardant/water repellent material, and prevent entry of contaminants to machinery, winches, rigging, machinery surfaces, weapons systems, electrical equipment, electronic equipment, valves, vents not in use, and other openings.

3.2.1.1 Install **Herculite or canvas** covering conforming to **A-A-55308** and/or fire retardant plywood **conforming to MIL-L-19140, Type II, Category 2**. Plywood shall be marked with date of treatment, with exterior surfaces dyed or stained to a blue to blue green color range.

3.2.2 Install fire retardant industrial filter material on the intake of supply and exhaust end of ventilation systems which will be in use.

3.2.2.1 Remove existing and install new filter or clean the filter material when air flow is restricted.

3.2.3 All protective measures are to be in place prior to start of any contamination-producing operations and shall remain in place until the contamination-producing operations are completed.

3.2.4 Install double curtain baffles at the entrance of each access door where airborne contamination could occur during contamination-producing operations. Install a dirt collecting mat on the deck directly inside each door. NAVSHIPPREPFAC will select a maximum of four doors. Tag out doors not designated for access.

3.2.5 Temporary coverings shall not be removed during contamination-producing operations without permission of NAVSHIPPREPFAC.

(V) "INSPECT PROTECTIVE COVERING"

3.3 Inspect the integrity of the protective covering at the beginning of each shift in which contamination-producing operations will be accomplished. Ensure that equipment and machinery have not been infiltrated by contaminants. Notify NAVSHIPPREPFAC immediately by verbal means, followed on the next work day in writing, if contamination or surface damage has occurred. Reseal to prevent further entry of contaminants or surface damage.

3.4 Maintain cleanliness of the work site, including bilges, free from accumulation of industrial debris caused by the repair activity employees on a continuous basis throughout the availability. Work spaces include those areas immediately under and adjacent, and those areas where service lines are run, and bilge areas in vicinity of the work site.

3.4.1 Cleaning shall be accomplished no later than at the end of each shift, on a daily basis.

3.4.2 Remove and dispose of industrial debris from the ship on a daily basis.

3.5 Accomplish an initial walk-through of all locations aboard ship where the repair activity responsible work will take place, to observe cleanliness conditions. The inspection shall be made jointly with NAVSHIPPREPFAC and the designated representative of the ship's Commanding Officer, and shall take place prior to the commencement of any work by the repair activity.

3.5.1 Submit four legible copies of a written report of any unclean sites/spaces to NAVSHIPPREPFAC and Commanding Officer of the ship within 72 hours after completion of the inspection.

3.6 Accomplish a cleanliness inspection on a daily basis whenever work is in progress. The inspection shall be made jointly with NAVSHIPPREPFAC and the designated representative of the ship's Commanding Officer. During inspection the responsible party shall be assigned. A written report of any unclean work sites/spaces shall be prepared by the repair activity and copies distributed to NAVSHIPPREPFAC and Commanding Officer of the ship within four hours after completion of the inspection. The inspection report shall list the responsible activity (NAVSHIPPREPFAC, contractor, ship, etc.) for each unclean site/area. Unclean sites/areas determined

as the repair activity responsible shall be immediately cleaned.

3.6.1 **Accomplish** inspections and reporting during the daily fire prevention and housekeeping inspections in accordance with 099-35YO of 2.a.

(V) "INSPECT COVERING REMOVAL"

3.7 Remove protective covering upon completion of contamination-producing operations and inspect for presence of contamination or surface damage. Notify NAVSHIPPREPFAC immediately by verbal means, followed on the next work day in writing, if contamination or surface damage has occurred, prior to removal of the contamination and repair of damage.

3.8 Remove from the ship/**craft** and dispose of debris and foreign matter generated as a result of work being accomplished on this ship/**craft**.

#### 4. NOTES:

##### 4.1 Definitions:

4.1.1 Cleanliness means the removal of all industrial debris (industrial trash, waste material, weld rods/tips, fasteners, rags, lagging waste, job scrap, wire, litter, rubbish, etc.) at the end of each shift, leaving the areas broom clean and electronic spaces vacuum clean. Adjacent/surrounding machinery, equipment, etc., left exposed during debris producing operations shall be cleaned free of all resulting debris.

4.1.2 Daily means seven days per week, 24 hours per day.

4.1.3 Repair activity means NAVSHIPPREPFAC or contractor that accomplishes the specific requirements of the Job Order.

4.1.4 Contamination-producing operations are defined as follows:

4.1.4.1 Operations liable to produce particulates to become airborne during accomplishment of the work scope, i.e., abrasive blasting, mechanical cleaning, spray painting, and air blowdowns.

4.1.4.2 Operations liable to produce fluid contamination of equipment as a result of external leakage of piping systems during testing.

4.2 NAVSHIPPREPFAC will coordinate operation of ventilation systems, as requested by the contractor, to maintain a positive pressure within the vessel's envelope and to create an outward flow of air through crevices or around penetrations.

4.3 The cleanliness goal is to turn over all areas of the ship in the same condition or better as at beginning of the availability.

4.4 Ship's Force responsibility:

4.4.1 Ship's Force is responsible for dust that collects as a matter of course throughout the availability and for any Ship's Force job site maintenance including monitoring job sites being worked by AIT (Alteration Installation Teams) and any contractor services that the ship has arranged.

4.4.2 Ship's Force is responsible to maintain cleanliness of their areas of responsibility broom clean at the end of each shift, on a daily basis.

4.4.3 The ship will raise concerns to NAVSHIPREPFAC prior to any cleanliness condition getting out of control. The ship is expected to inspect any suspect area to first ascertain if it is their responsibility before contacting NAVSHIPREPFAC.

4.4.4 Ship's Force will work continually throughout the availability to keep bilges and other general areas of the ship clean where the repair activity is not working.

4.5 Ship's Force and the repair activity will familiarize each other with their scope of work (any other work being performed on board the ship not pursuant to the repair activity authorized work under the Job Order is considered Ship's Force work). The affected locations and aspects of the work and/or ship conditions (i.e., blasting, grinding, preservation, hot work, insulation removals, decking replacement, hydroblasting, weight tests, electrical cable replacement, etc.) will be identified. Each responsible party will clean site in locations where both parties will be working, on a daily basis. Communications must be continuous and active two ways.

4.6 Diligence in inspection will ensure that action is taken by the responsible party prior to any area becoming unsatisfactory.